

1/22

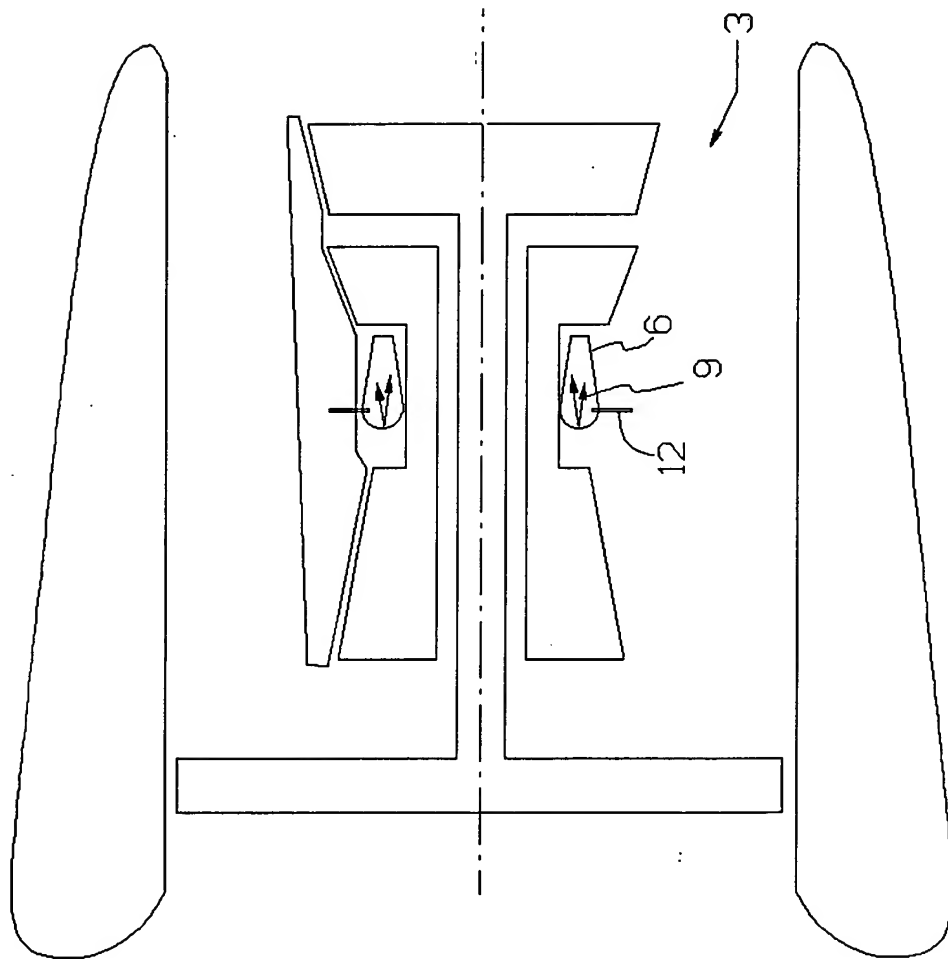
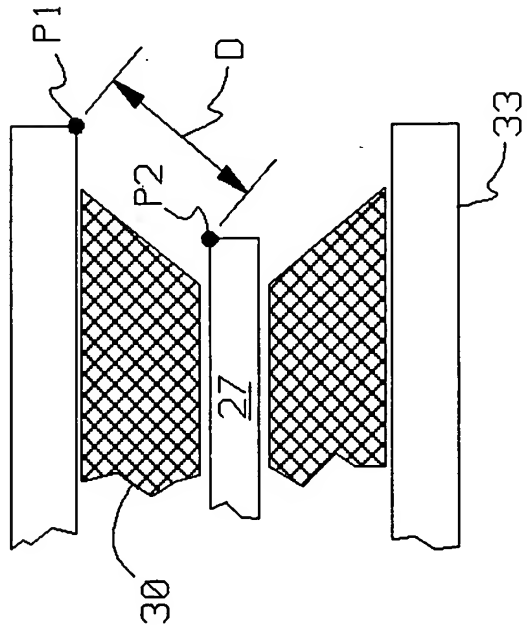
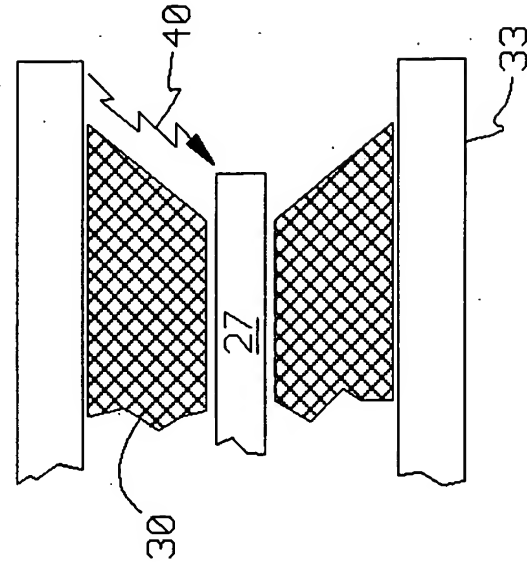
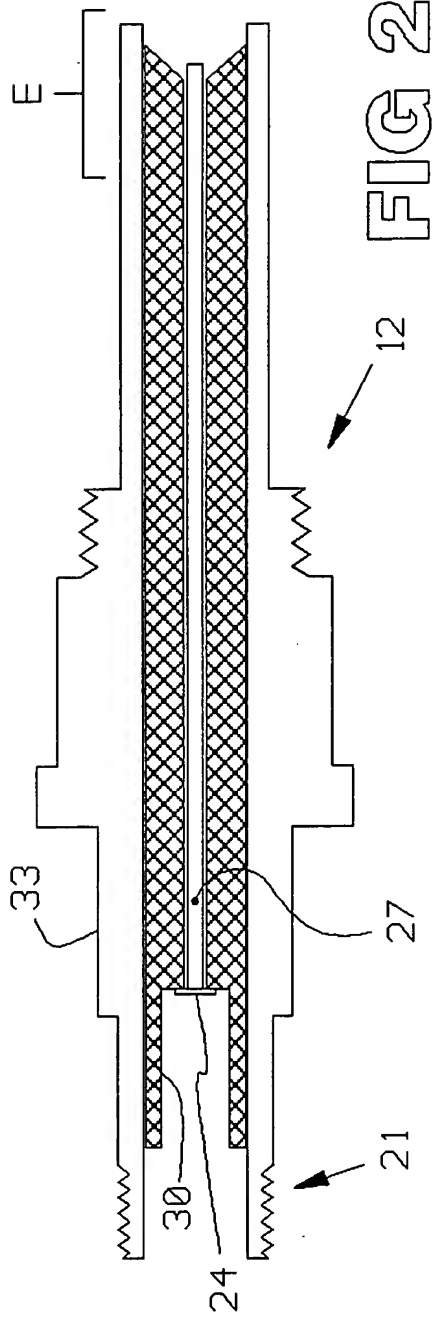


FIG 1
PRIOR ART

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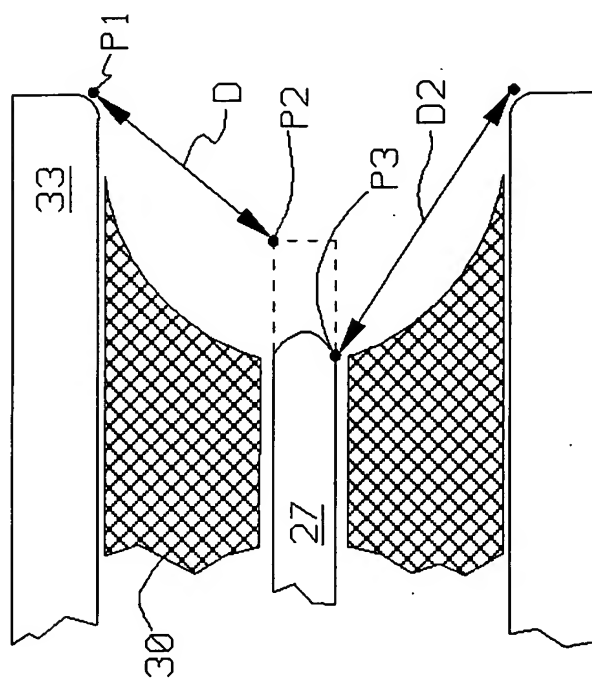


FIG 6

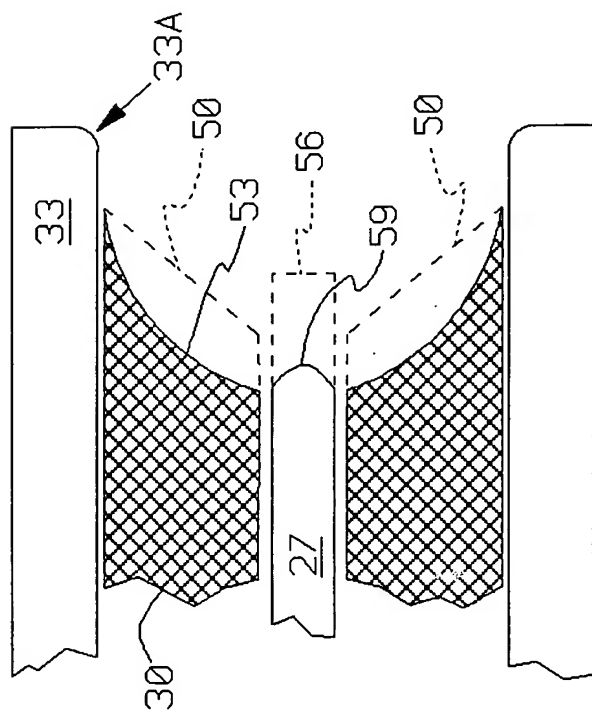
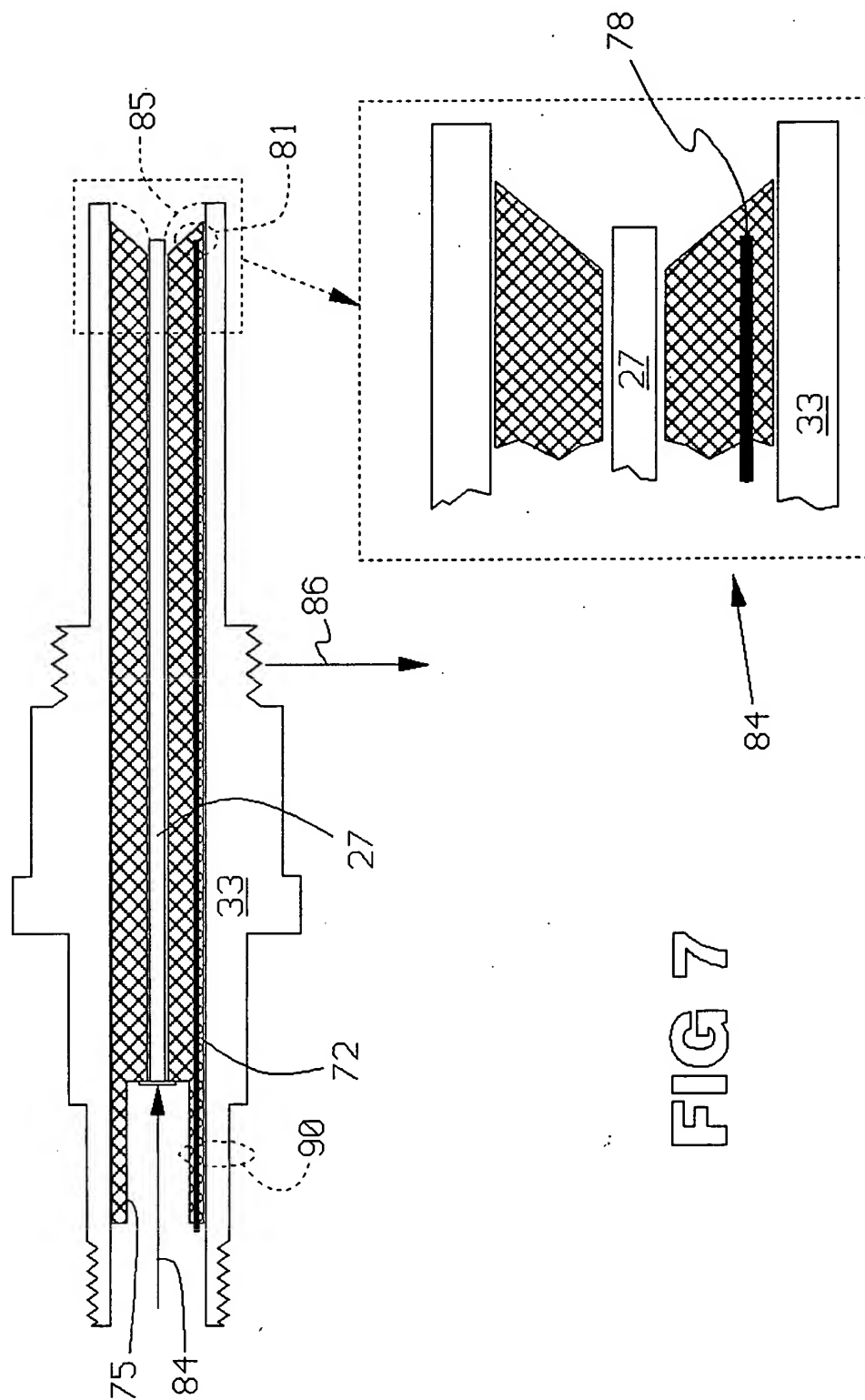


FIG 5

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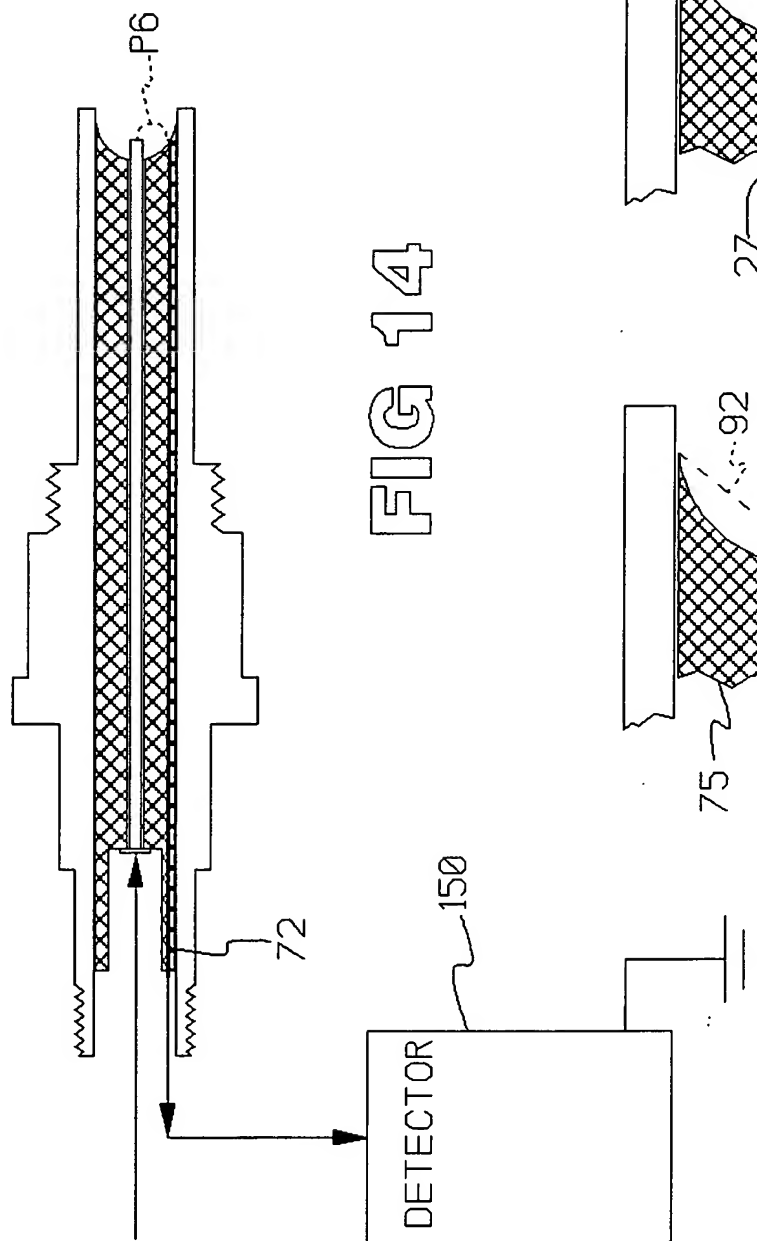


FIG 14

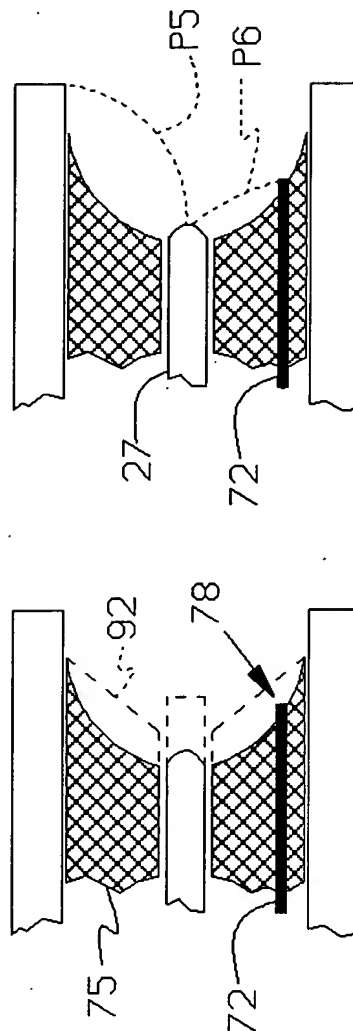


FIG 8

FIG 9

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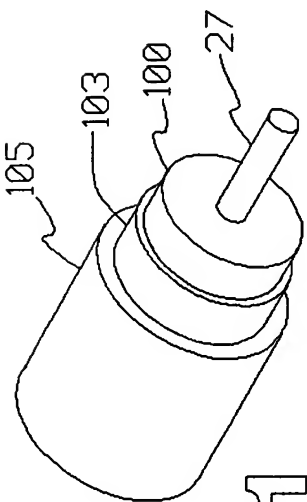


FIG 11

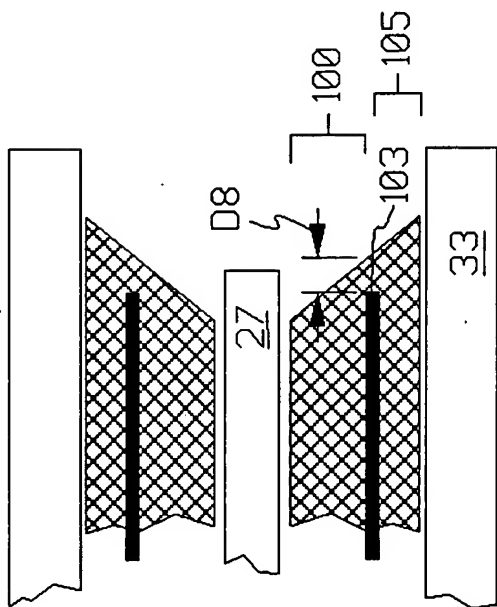


FIG 12

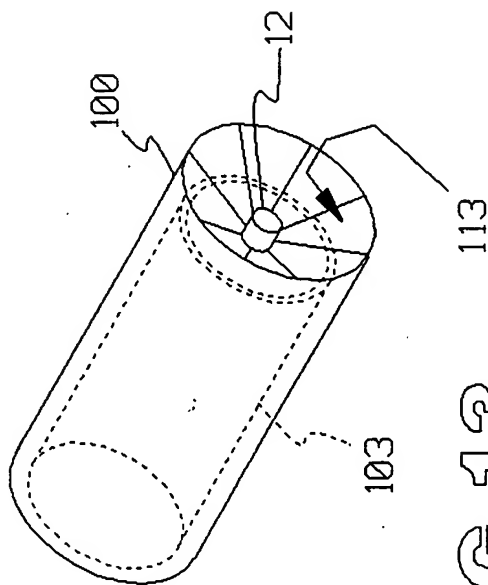


FIG 13

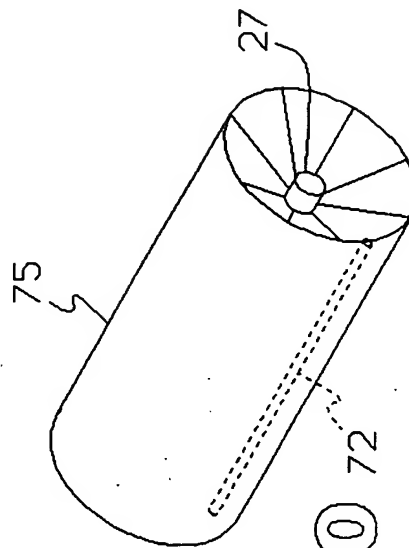


FIG 10

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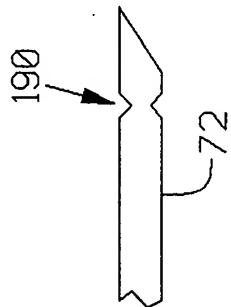
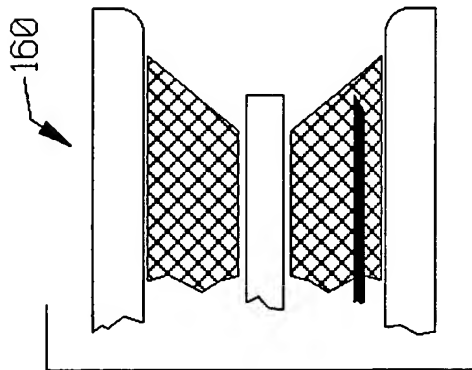
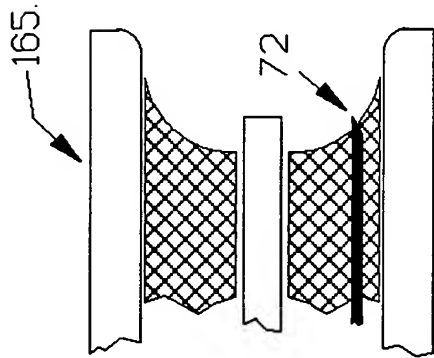
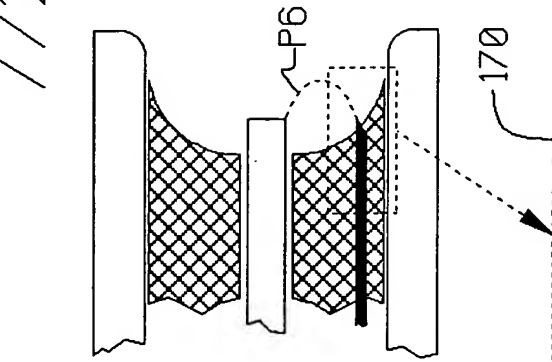


FIG 17

FIG 16

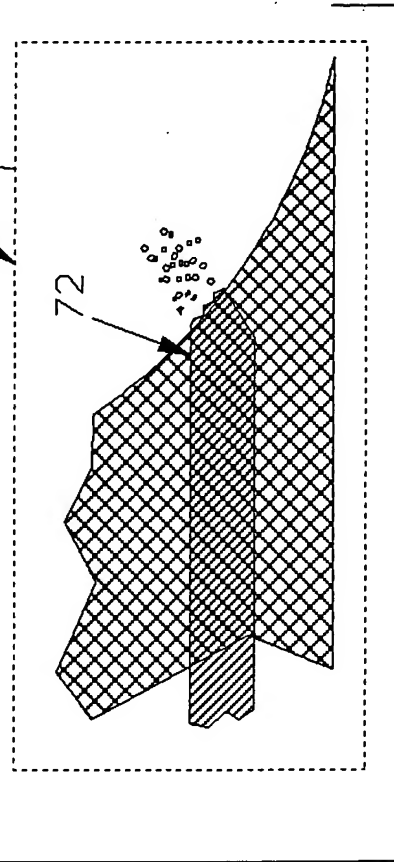
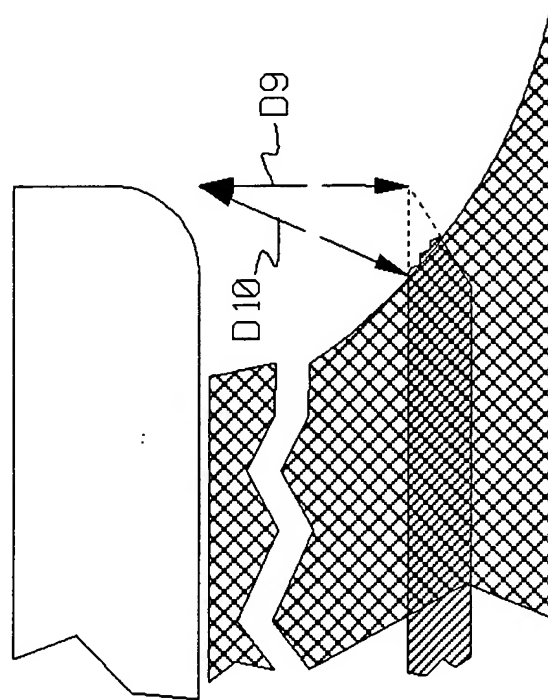
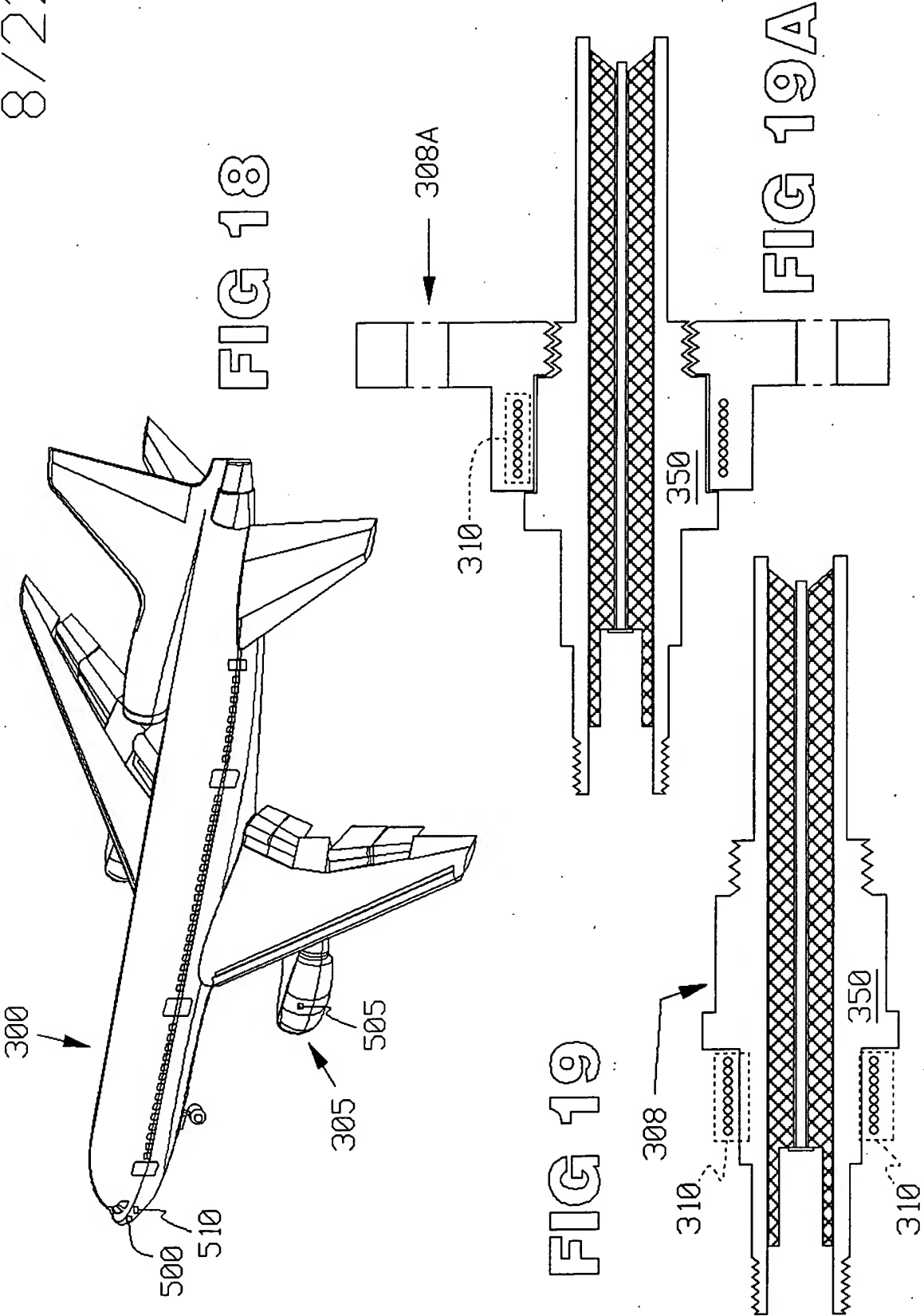


FIG 15



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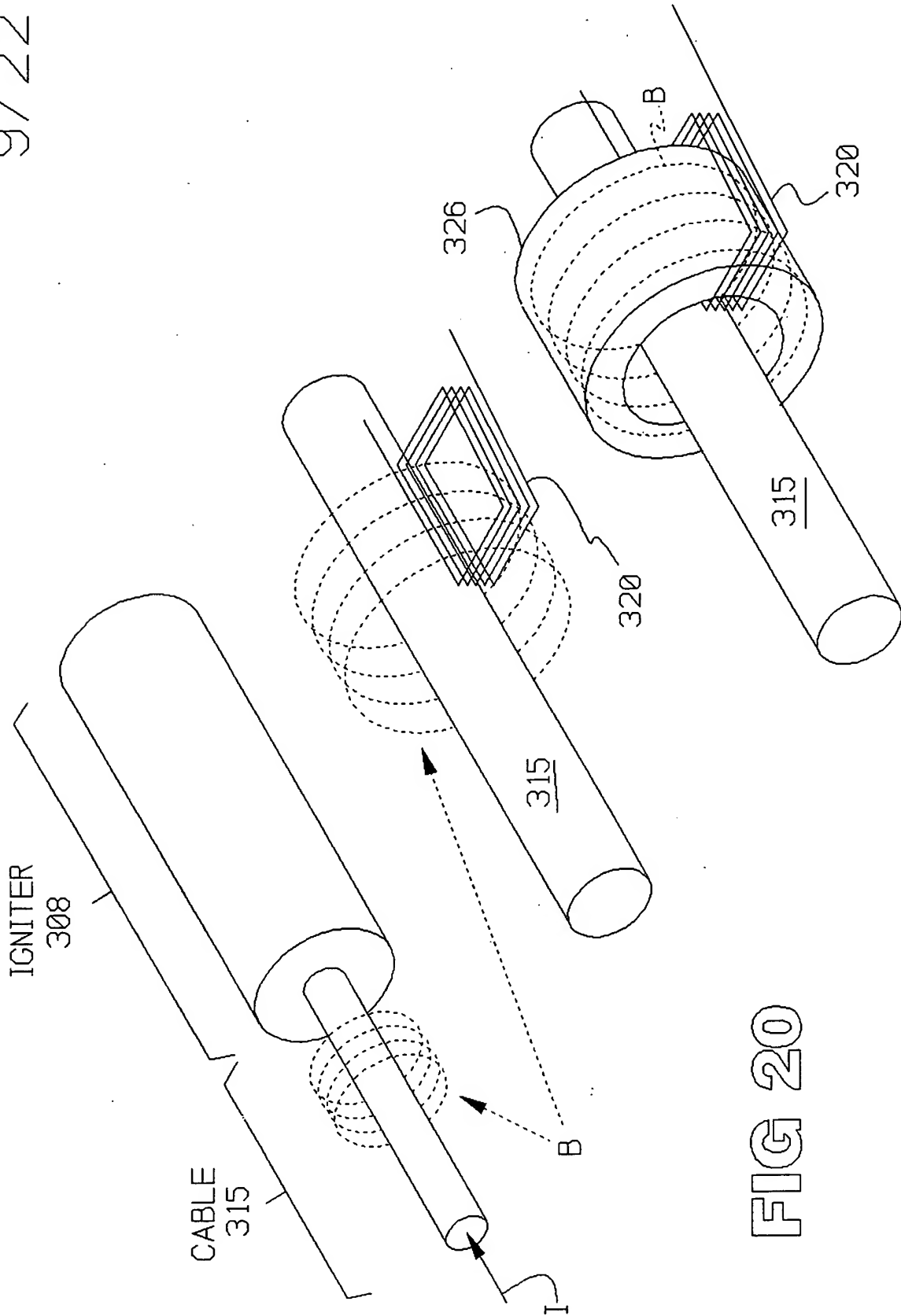


FIG 20

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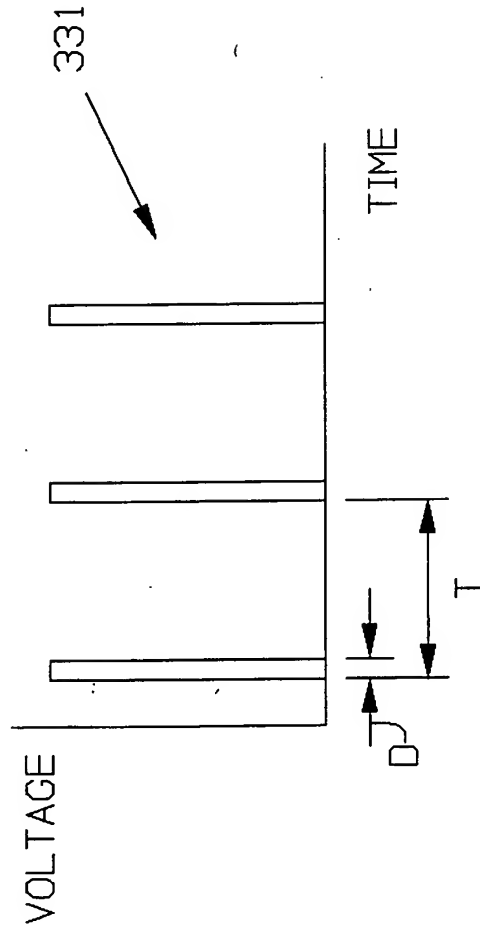
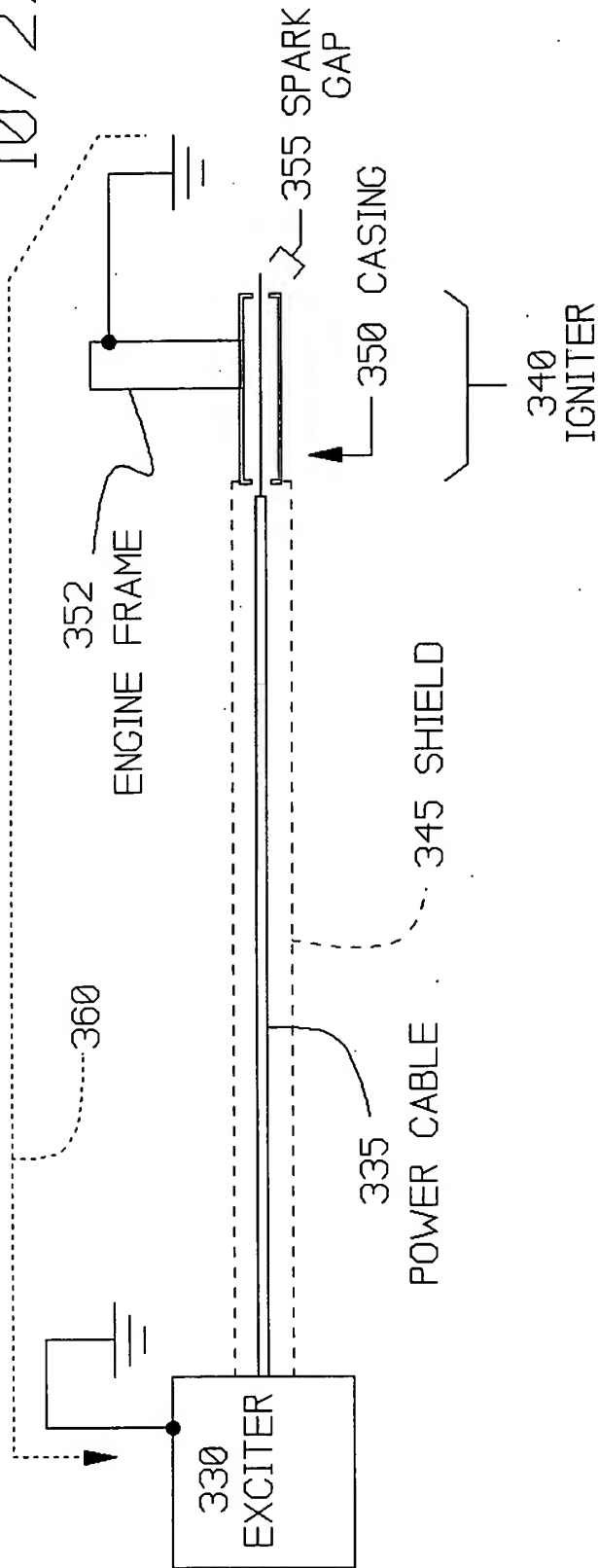


FIG 21

FIG 22 R1 - PATH THROUGH SYSTEM GROUND

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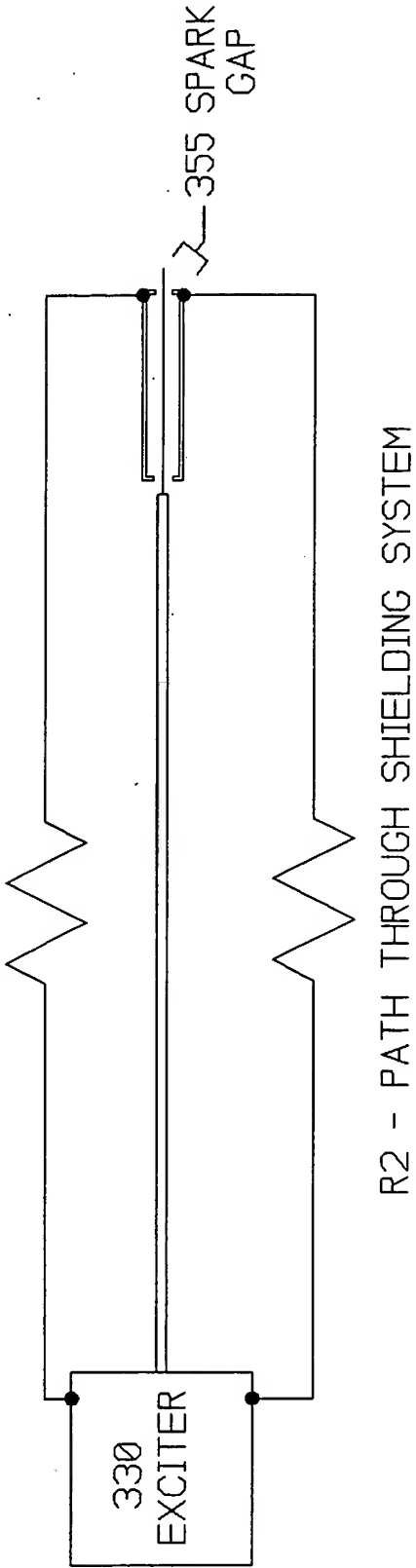
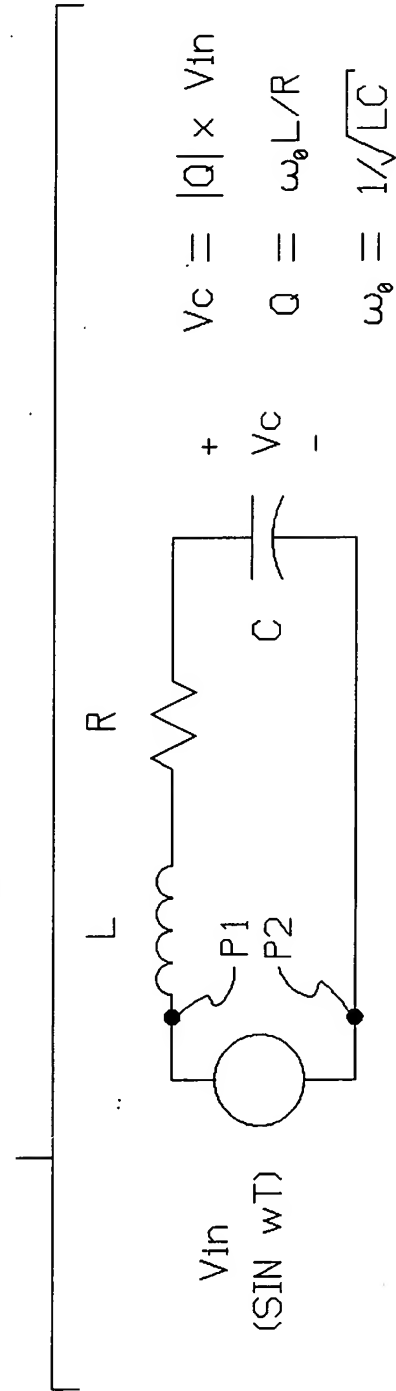


FIG 23 PRIOR ART



$$V_c = |Q| \times V_{in}$$

$$Q = \omega_0 L / R$$

$$\omega_0 = 1 / \sqrt{LC}$$

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FIG 24

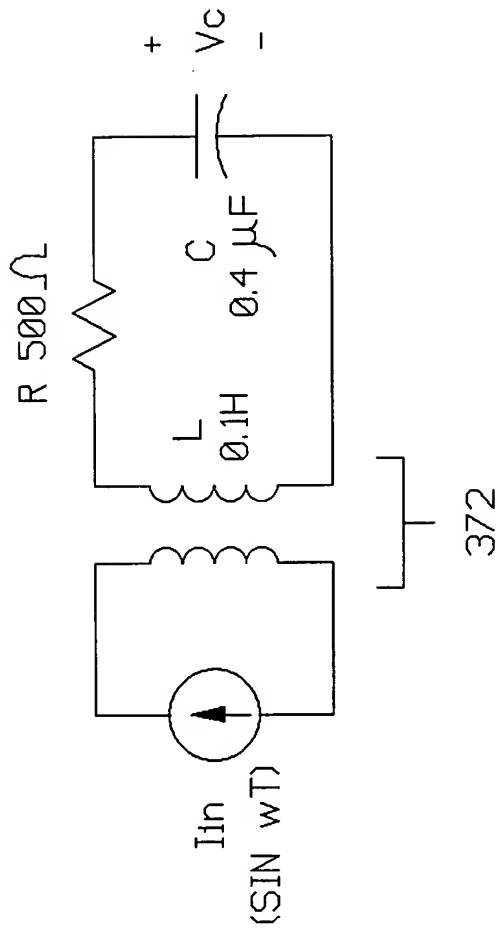
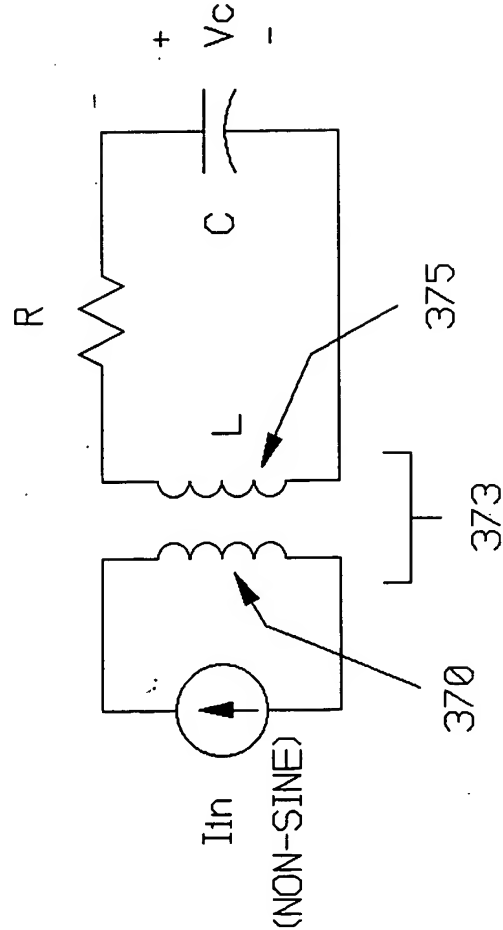
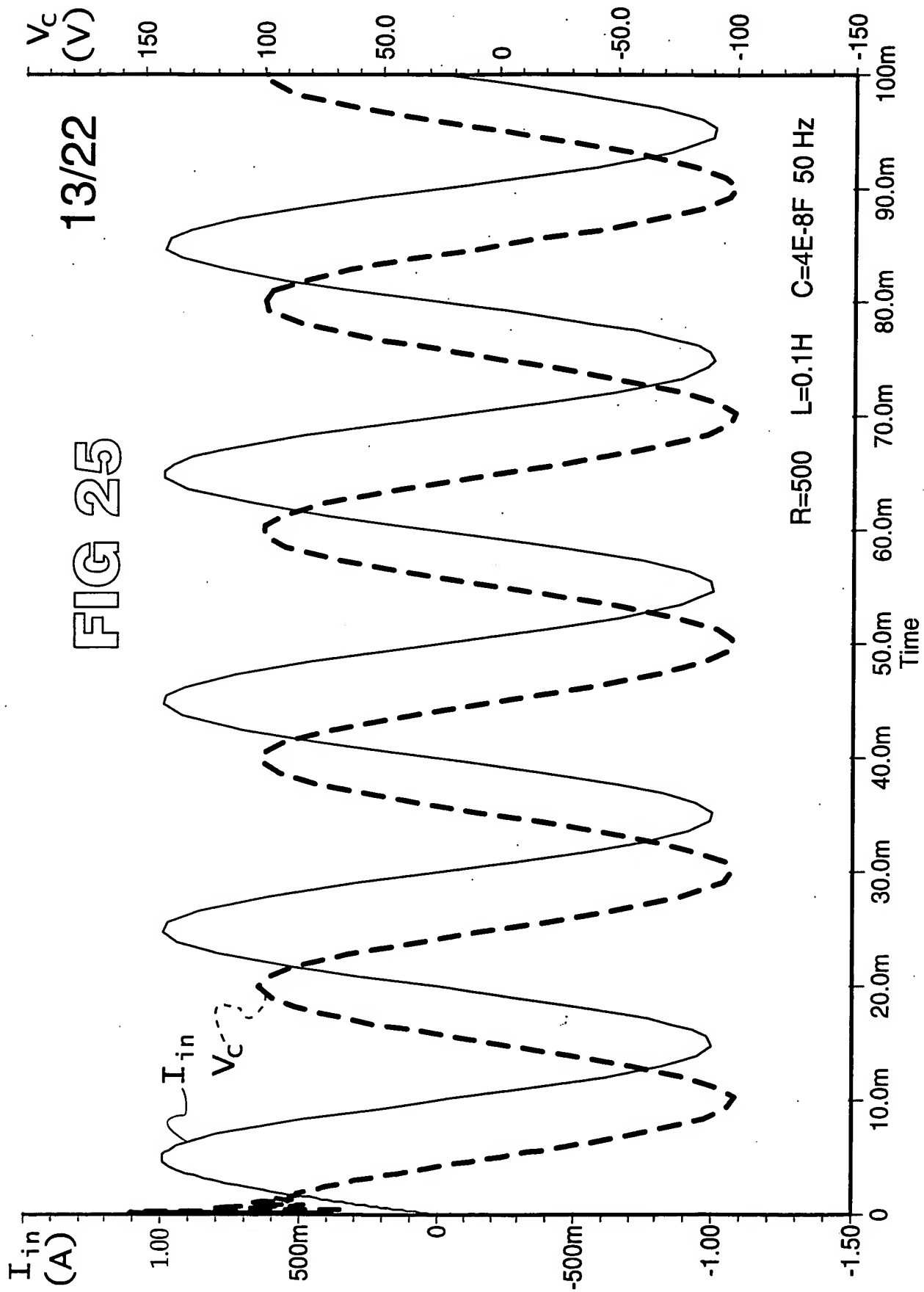
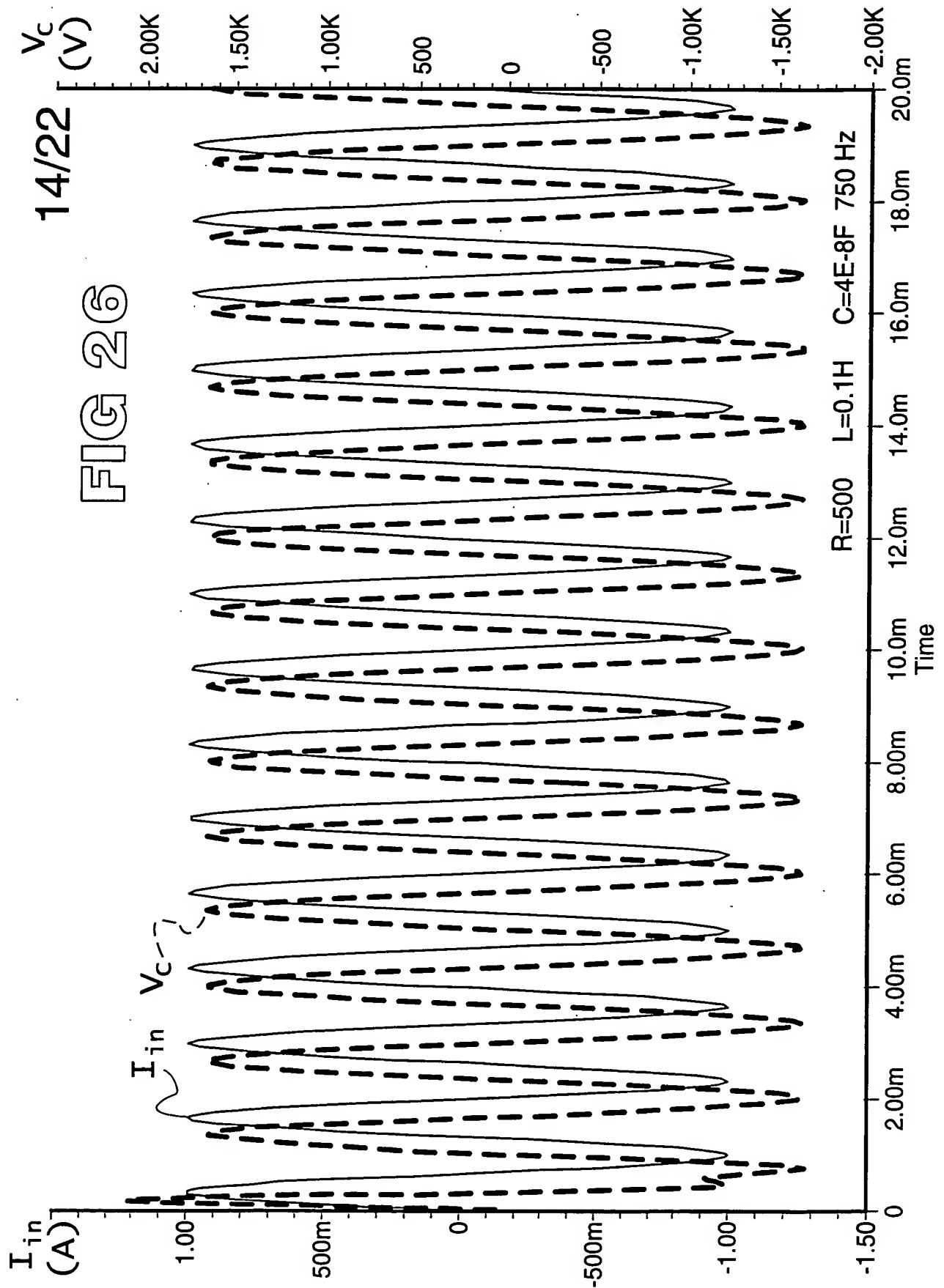
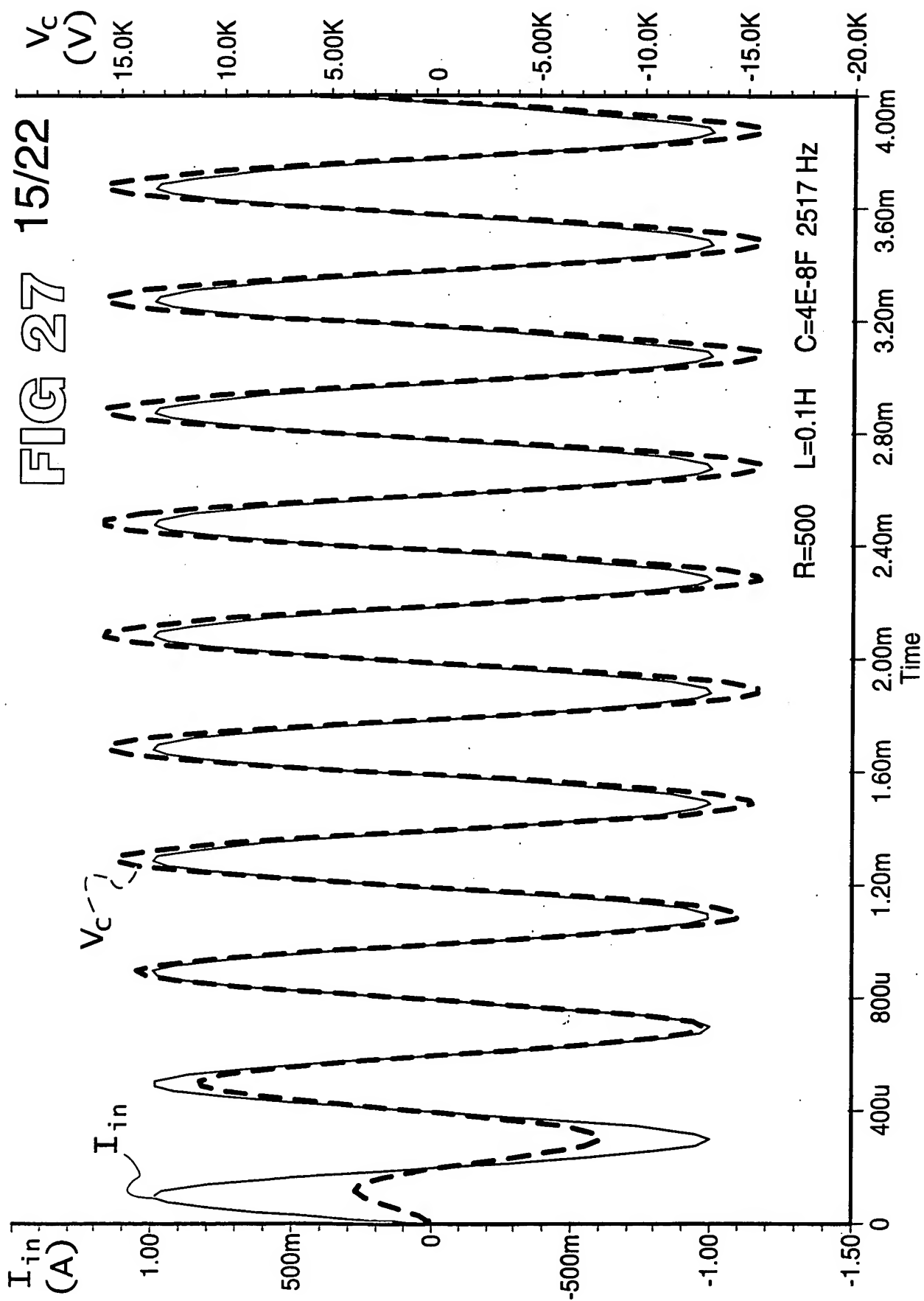


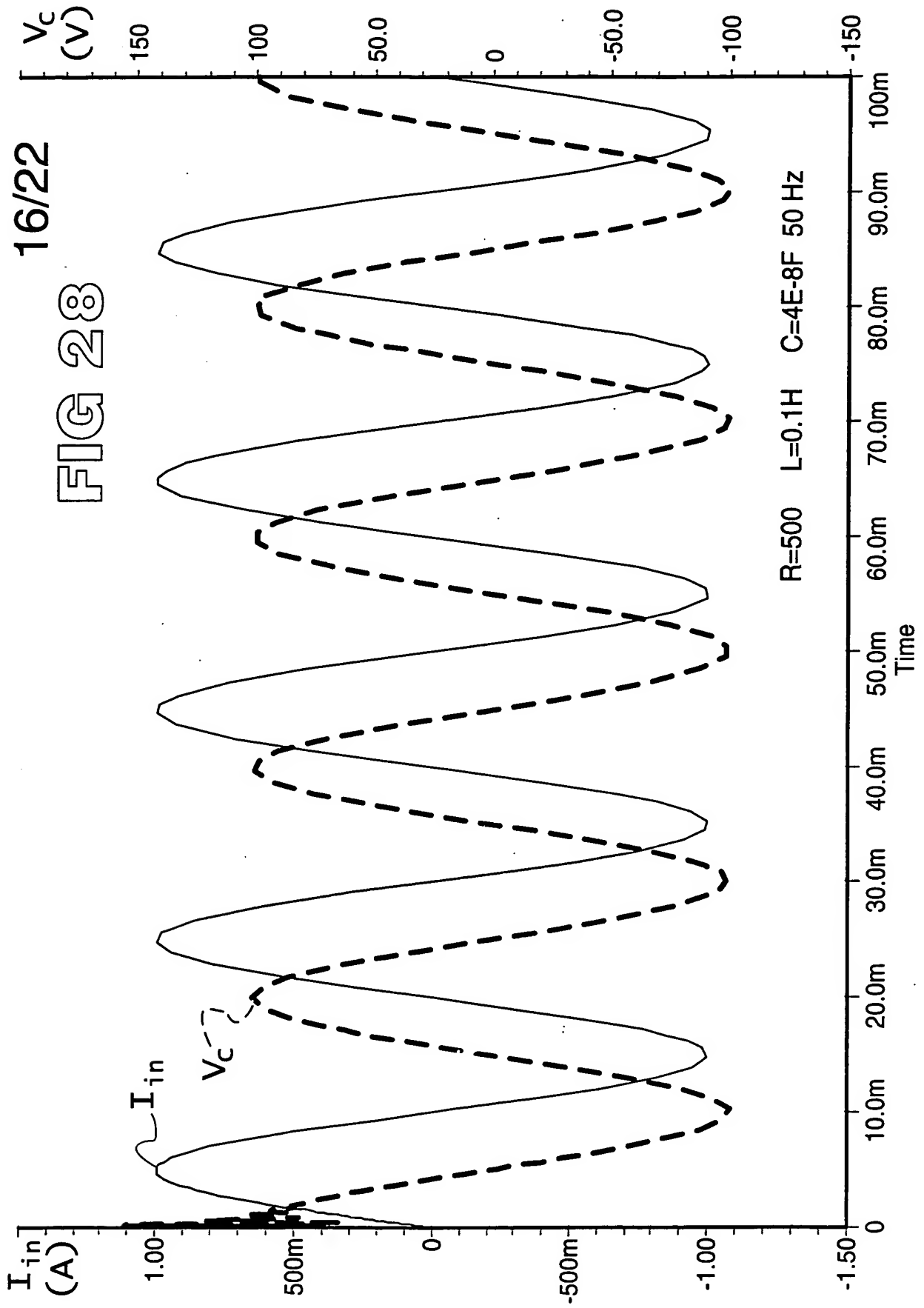
FIG 29

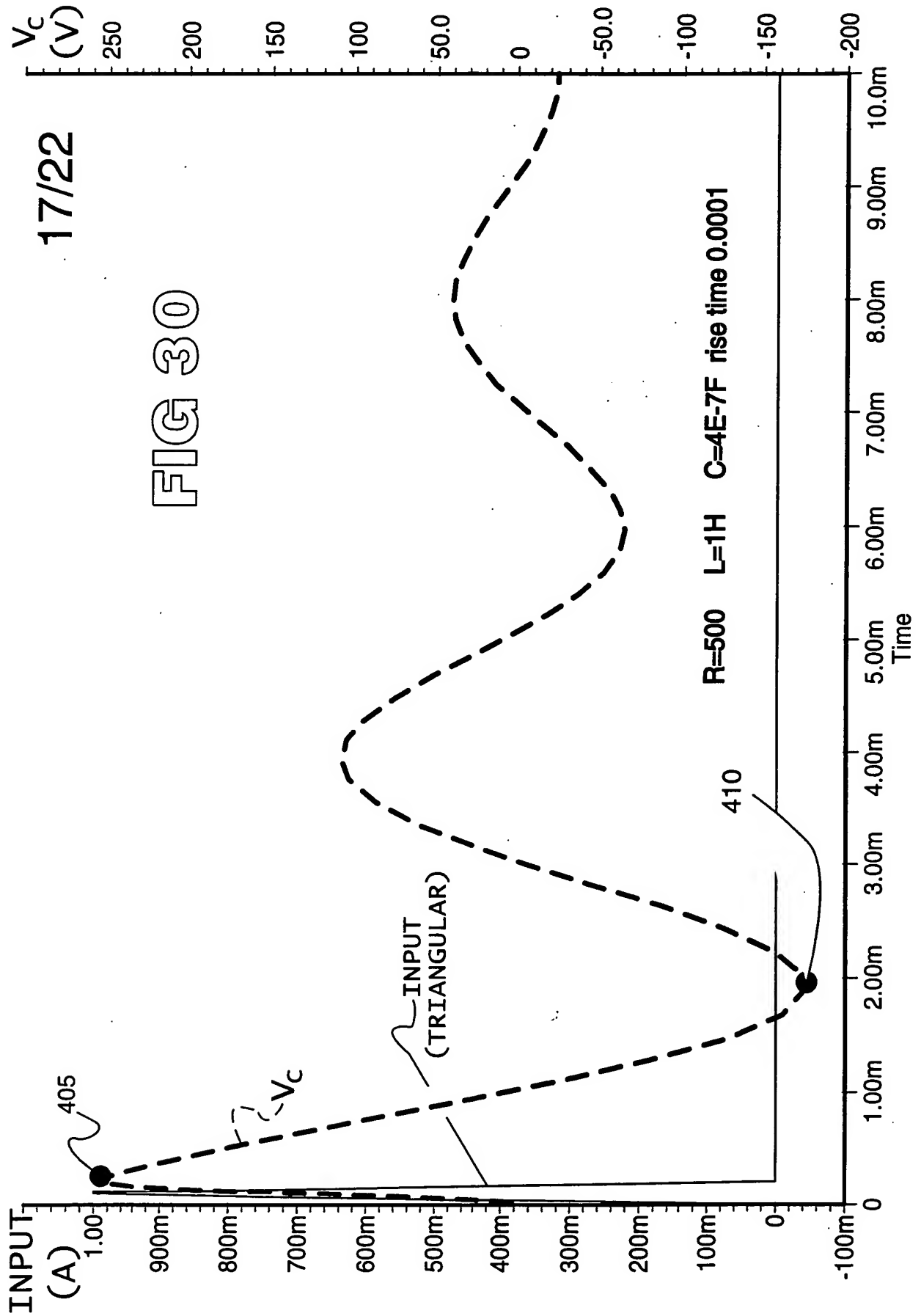


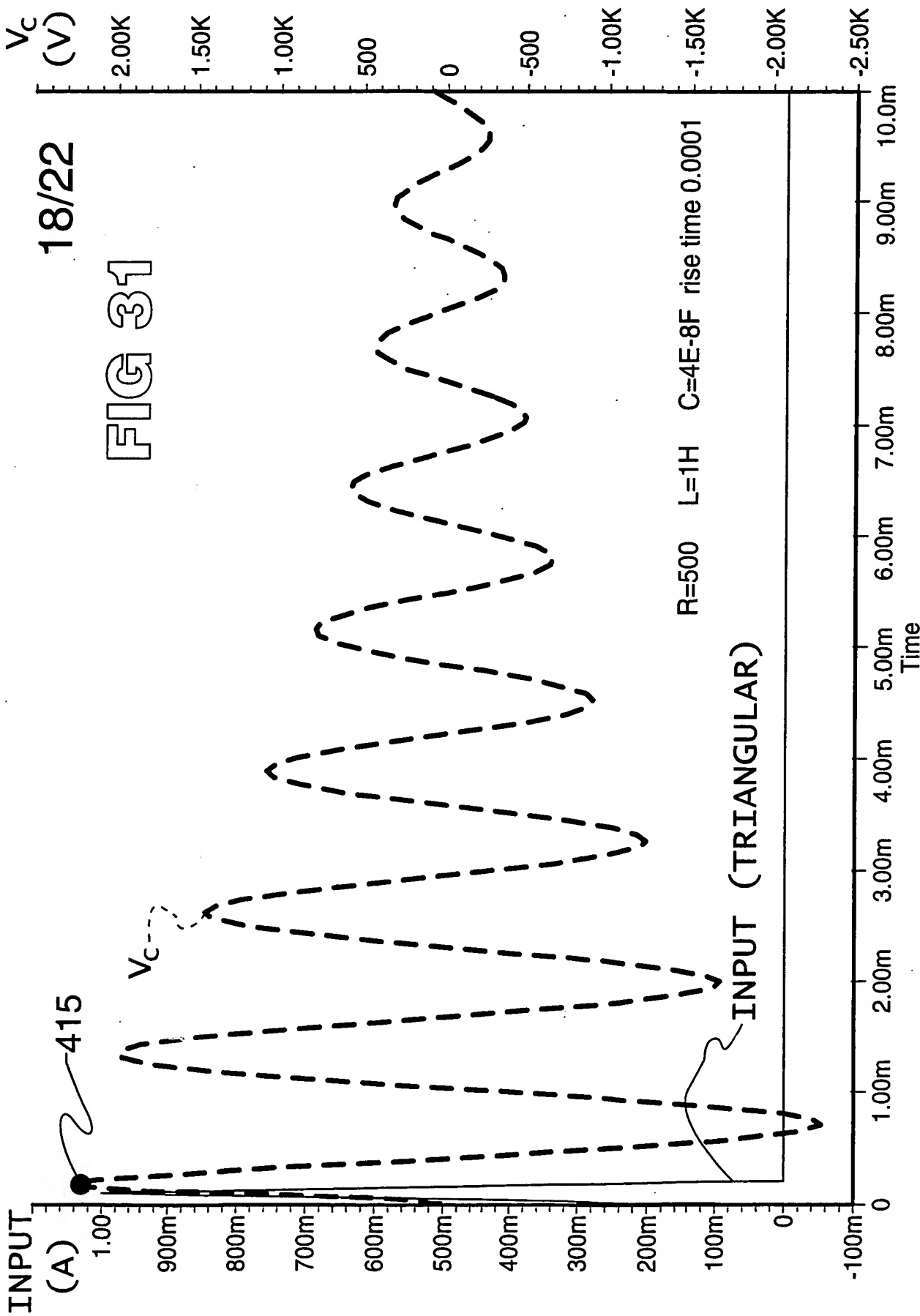


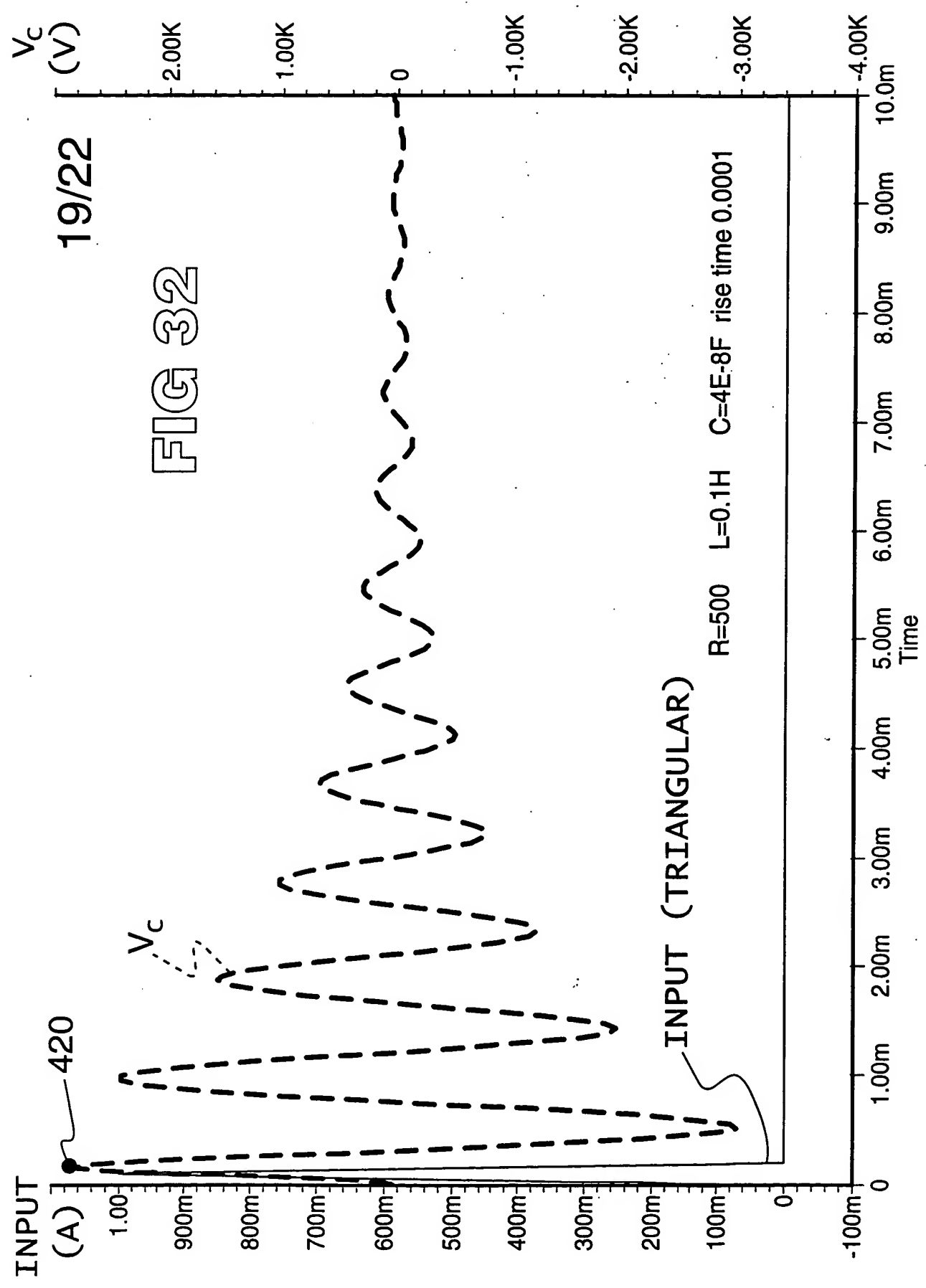


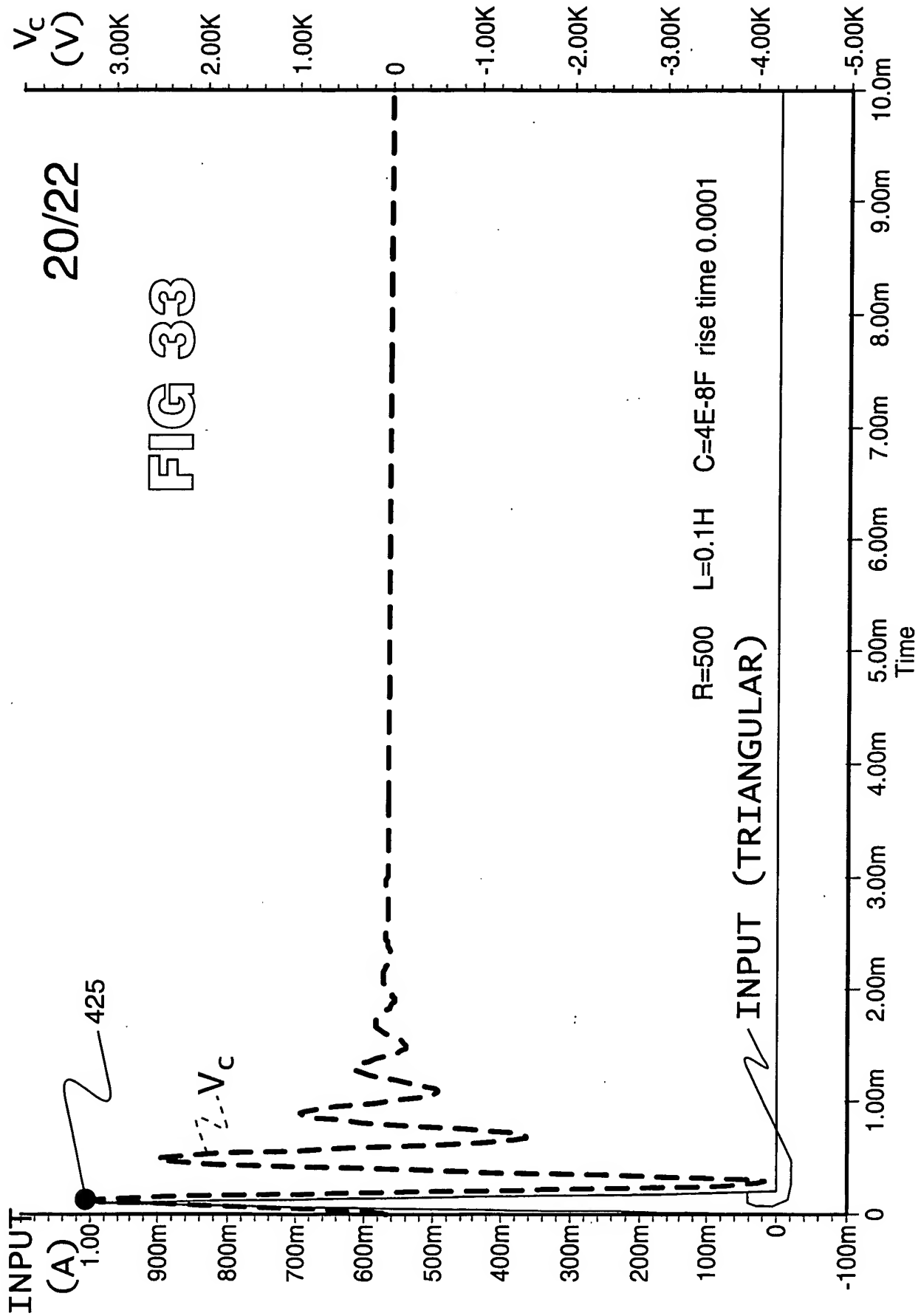


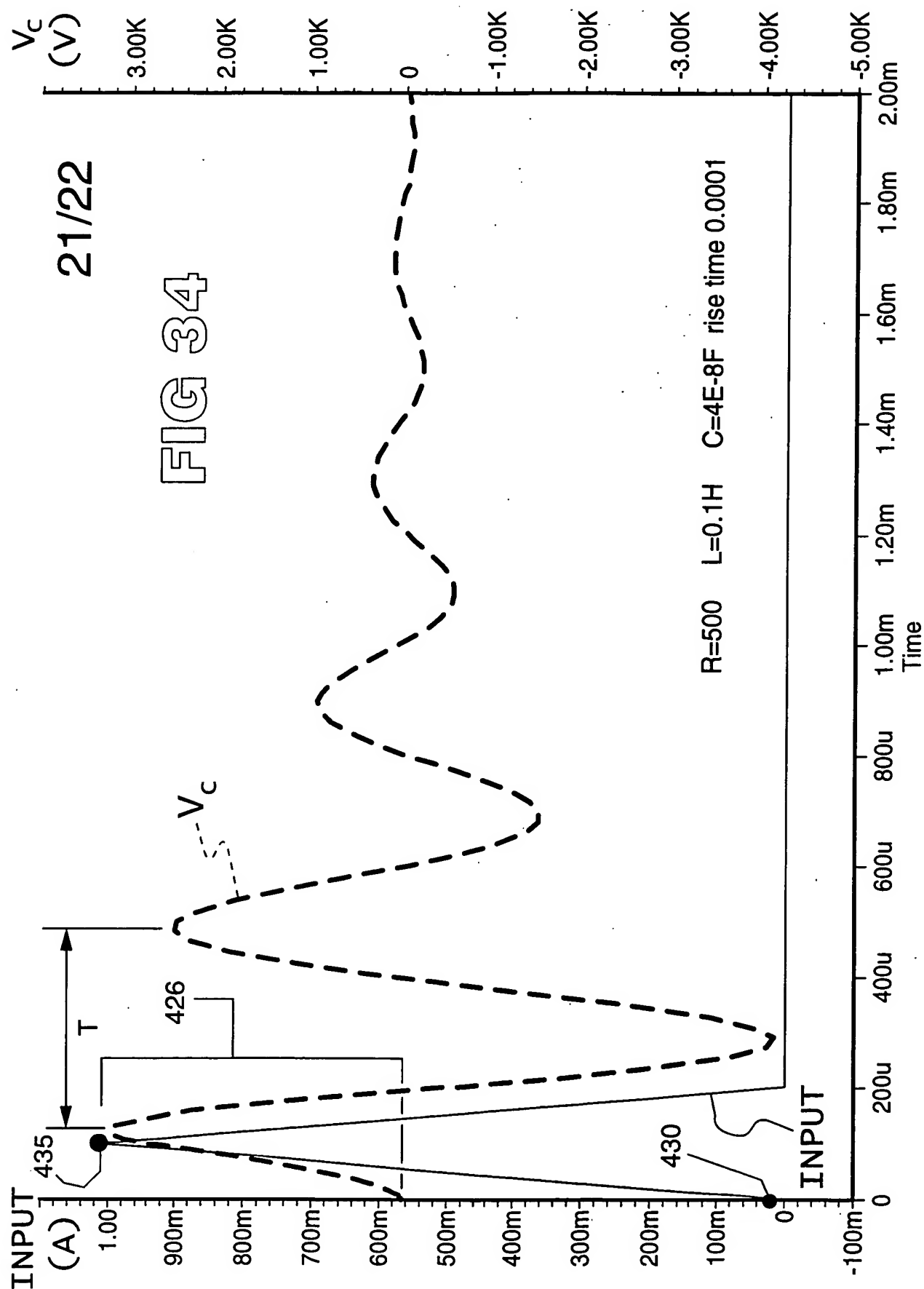












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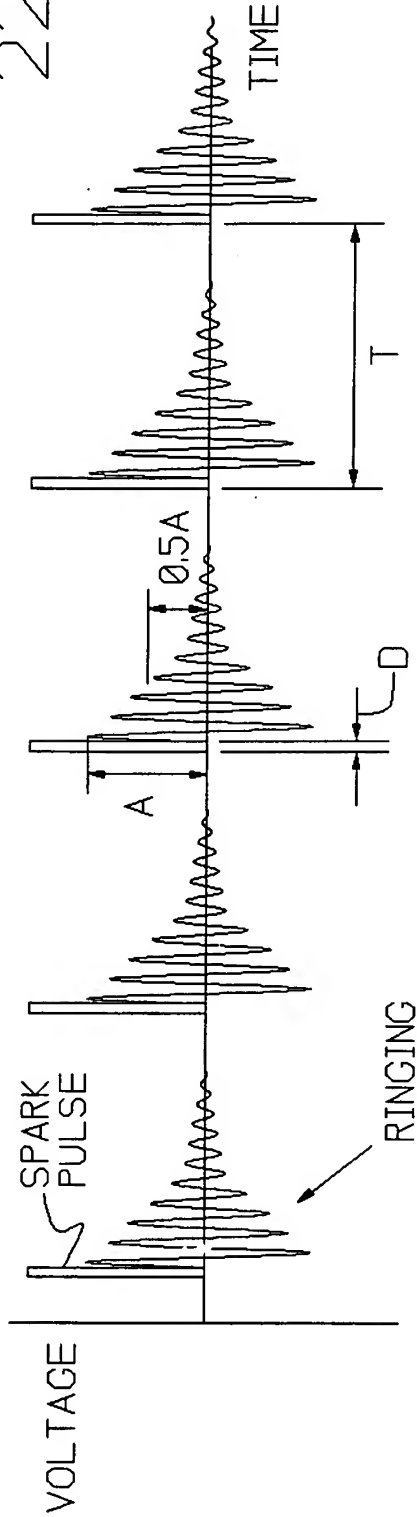


FIG 35

FIG 36

